IN THE CLAIMS

Please amend the Claims as follows:

1. (Original) In a wireless communication system having a transmitter and at least one receiver operable to be coupled via a communication link, said transmitter capable of acquiring an input data message comprised of a plurality of data packets, a method of dynamically controlling the duration of a burst transmission of said data packets comprising the steps of:

a. assigning a duration to said burst transmission;

b. during said transmission duration, monitoring a source of said input data packets for the presence of at least one additional data packet of said input data message within a known time period; and

c. annexing said at least one additional data packet into said burst transmission upon detection within said time period.

2. (Original) The method of controlling a burst duration as recited in Claim 1 further comprising the step of:

restarting said time period commensurate with the presence of said at least one additional data packet within said known time period.

3. (Original) The method of controlling a burst duration as recited in Claim 1 further comprising the step of:

extending said assigned burst duration commensurate with a transmission requirement for said at least one additional data packet detected in said time period.

4.   (Original)   The method of controlling a burst duration as recited in Claim 1 wherein said known time period is selected in relation to an input data rate of said input data message.

5.   (Original)   The method of controlling a burst duration as recited in Claim 1 wherein said burst duration is assigned to be greater than necessary to transmit an expected complement of input data packets.

6.   (Original)   The burst duration as recited in Claim 5 assigned to be at least one known time period greater than necessary to transmit said expected complement of input data packets.

7.   (Original)   The method of controlling a burst duration as recited in Claim 1 further comprising the step of:

terminating said burst transmission upon termination of said assigned burst duration.

8.   (Original)   The method of controlling a burst duration as recited in Claim 1 further comprising the step of:

terminating said burst transmission when no additional data packets are detected within said known time period.

9.   (Original)   The method of controlling a burst duration as recited in Claim 2 wherein restarting of said time period corresponds to the detection of a first of said at least one additional data packet detected within said time period.

10.   (Original)   The method of controlling a burst duration as recited in Claim 2 wherein restarting of said time period corresponds to the detection of a last of said at least one additional data packet detected within said time period.

11.   (Original)   The method of controlling a burst duration as recited in Claim 2 wherein restarting of said time period corresponds to transmission of a first of said at least one additional data packet detected within said time period.

12.   (Original)   The method of controlling a burst duration as recited in Claim 2 wherein restarting of said time period corresponds to transmission of a last of said at least one additional data packet detected within said time period.

13.   (Original)   The method of controlling a burst duration as recited in Claim 1 wherein said monitored source of input data packets is a data buffer.

14.   (Original)   The method of controlling a burst duration as recited in Claim 1 wherein said communication link is established with respect to a CDMA system.

15.   (Currently Amended) In a wireless communication system having a transmitter and at least one receiver operable to be coupled via a communications link for burst transmission of input data packets, wherein said burst transmission is established in respect to a given burst duration time, a method of terminating a duration of said burst transmission earlier than an end of said burst duration time comprising the steps of:

4

a.   monitoring a source of said input data packets <u>during said given burst</u> <u>duration time</u> for a presence of at least one additional data packet within a known time period after a last data packet is received from said source;

b.   terminating said burst transmission when no additional data packets are detected within said known time period.

16.   (Original)   The method of terminating a burst duration as recited in Claim 15 further comprising the step of:

restarting said known time period commensurate with a detection of said at least one additional data packet.

17.   (Original)   The method of terminating a burst duration as recited in Claim 16 wherein restarting of said time period corresponds to the detection of a first of said at least one additional data packet detected within said time period.

18.   (Original)   The method of terminating a burst duration as recited in Claim 16 wherein restarting of said time period corresponds to the detection of a last of said at least one additional data packet detected within said time period.

19.   (Original)   The method of terminating a burst duration as recited in Claim 16 wherein restarting of said time period corresponds to transmission of a first of said at least one additional data packet detected within said time period.

20.   (Original)   The method of terminating a burst duration as recited in Claim 16 wherein restarting of said time period corresponds to transmission of a last of said at least one additional data packet detected within said time period.

21.   (Original)   The method of terminating a burst duration as recited in Claim 15 wherein said monitored source of input data packets is a data buffer.

22.   (Currently Amended) In a wireless communication system having a transmitter and at least one receiver operable to be coupled via a communications link for burst transmission of input data packets, a method of extending a burst duration comprising the steps of:

5   a.   monitoring a source of said input data packets for presence of at least one additional data packet within a known time period beginning at a point coincident with an ending of an assigned period for said burst duration; and

          b.   adding said known time period to said burst duration upon detection of said at least one additional data packet during said known time period;

10   wherein said known time period is selected in relation to an input data rate of said input data packets.

23.   (Original)   The method of extending a burst duration as recited in Claim 22 further comprising the steps of:

restarting said known time period commensurate with the detection of said at least one additional data packet.

24.   (Cancelled).

25.   (Original)   The method of extending a burst duration as recited in Claim 22 further comprising the step of:

annexing said at least one additional data packet into said burst transmission.

26. (Original) The method of extending a burst duration as recited in Claim 22 wherein said monitored source of input data packets is a data buffer.

27. (Original) In a wireless communication system having a transmitter and at least one receiver operable to be coupled via a communication link, said transmitter capable of acquiring an input data message comprised of a plurality of data packets, a method of dynamically governing the duration of a burst transmission of said data

5   packets comprising the steps of

a.   during said burst duration, monitoring a source of said input data packets for the presence of at least one additional data packet of said input data message within a known time period;
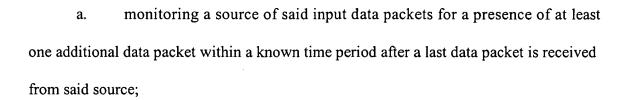
b.   annexing said at least one additional data packet into said burst

10   transmission upon detection of said at least one additional data packet within said known time period; and

c.   extending said burst duration commensurate with at least one of said known time periods upon detection of said at least one additional data packet within said known time period.

28. (Original) The method of governing a burst duration as recited in Claim 27 wherein steps a through c are iteratively repeated during said burst duration.

29. (Original) The method of governing a burst duration as recited in Claim 27 wherein said known time period is selected in relation to an input data rate of said input data message.

30. (Original) The method of governing a burst duration as recited in Claim 27 further comprising the step of:

terminating said burst duration when additional data packets are not detected within said known time period.

31. (New) In a wireless communication system having a transmitter and at least one receiver operable to be coupled via a communications link for burst transmission of input data packets, a method of terminating a duration of said burst transmission comprising the steps of:

a. monitoring a source of said input data packets for a presence of at least one additional data packet within a known time period after a last data packet is received from said source;

b. terminating said burst transmission when no additional data packets are detected within said known time period;

wherein said known time period is restarted commensurate with a detection of said at least one additional data packet.